

Nomenclatural changes in *Cullen* (Fabaceae: Psoraleeae)

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ABSTRACT

Several new combinations in *Cullen* Medik. (Fabaceae: Psoraleeae) are made and six names in *Psoralea* are lectotypified.

Introduction

The following new combinations are made in advance of a revision of the genus *Cullen* Medik., in order to make the names available for the forthcoming Volume 3 of the *Flora of Victoria*. The opportunity is also taken to lectotypify six names in *Psoralea*.

New combinations and lectotypifications

Cullen australasicum (Sehltdl.) J.W.Grimes, *comb. nov.*

Psoralea australasica Schltdl., *Linnaea* 20: 668, No. 197 [misprint for 196, see Lee, 1980] (1847). TYPE: '[South Australia], Ueberall bei Bethanien [Bethany, ca. 5 km NE of Adelaide], meist am Wasser.' HOLOTYPE: *H.H. Behr 196* (HAL 42501); ISOTYPE: MEL 89796.

Cullen cinereum (Lindl.) J.W.Grimes, *comb. nov.*

Psoralea cinerea Lindl. in T. Mitch., *Three Exped. Australia*. 2: 66 (1838). TYPE: Provenance unknown. HOLOTYPE: CGE (unavailable); ISOTYPE: [labelled May the 6, No. 122, Mitchell Journey, 1836], MEL 1563694.

Cullen discolor (Domin) J.W.Grimes, *comb. nov.*

Psoralea discolor Domin, *Bibliothec. Bot.* 20(89³): 738 (1926). TYPE: 'Sudwest-Australien: Drummond 1850 No. 96, 1849, No. 158.' LECTOTYPE (**here designated**): *Drummond 96* (K); ISOLECTOTYPES: K, NSW, OXF, W.

Cullen microcephalum (Rehb. ex Kunze) J.W.Grimes, *comb. nov.*

Psoralea microcephala Rehb. ex Kunze, *Linnaea* 20: 72 (1847). TYPE: '...benevole communicata nobiscum est ab hort acaadem. Dresdensi.' LECTOTYPE (**here designated**): [labelled 'Psoralea microcephala Oct 1844'] W. *Psoralea adscendens* F.Muell., *Trans. Philos. Soc. Victoria* 1: 40 (1855). TYPE: 'On the grassy moist banks of the Snowy River, Gibbo River, Mitta Mitta, Owens River, and along torrents of the Australian Alps. LECTOTYPE (**here designated**): 'Mitta Mitta' (MEL 694217); ISOLECTOTYPES: K, MEL 694233, MELU 14423. *Psoralea gunnii* Hook.f., *Flora Tasman.* 1: 99 (1856). TYPE: 'Hab. Woolnorth, Gunn.' LECTOTYPE (**here designated**): *Gunn 1061* (K); ISOLECTOTYPE: K, NSW 30605.

Cullen pallidum (N.T.Burb.) J.W.Grimes, *comb. nov.*

Psoralea pallida N.T.Burb., *Telopea* 2: 127 (1980). TYPE: 'App. 22 miles south of Alice Springs, on railway line road, N.T. Burbidge & M. Gray 4379.' HOLOTYPE: CANB; ISOTYPE: NSW.

Cullen parvum (F.Muell.) J.W.Grimes, *comb. nov.*

Psoralea parva F.Muell., *Trans. Philos. Soc. Victoria* 1: 40 (1855). TYPE: 'In dry

pastures on the Thompson and Latrobe Rivers, and in South Australia, on the Torrens and Gawler Rivers, on the Barossa Ranges.' LECTOTYPE (**here designated**): 'Thompson River', Apr. 1854, *F. Mueller* (MEL 1563777); ISOLECTOTYPE: K.

Cullen patens (Lindl.) J.W.Grimes, *comb. nov.*

Psoralea patens Lindl. in T.Mitch., *Three Exped. Australia*. 2: 8 (1838). TYPE: provenance unknown. HOLOTYPE: CGE (unavailable, but seen by Lee, 1980); ISOTYPE: W. *Psoralea eriantha* Benth., ex T. Mitch., *J. Exped. Trop. Australia*. 131 (1848). TYPE: 'Sub-tropical New Holland, Ap.16-46, T.L. Mitchell 90.' LECTOTYPE: (**here designated**) K; ISOLECTOTYPE: NSW.

Cullen tenax (Lindl.) J.W.Grimes, *comb. nov.*

Psoralea tenax Lindl. in T.Mitch., *Three Exped. Australia*. 2: 9 (1838). TYPE: Provenance not recorded, but probably along the banks of the Darling. HOLOTYPE: CGE (not available).

Reference

Lee, A. (1980). The *Psoralea patens* complex. *Telopea* 2: 129-141.

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